



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
TRANSMITTAL LETTER FOR INFORMATION DISCLOSURES  
STATEMENTS**

**To Commissioner for Patents  
MAIL STOP NON-FEE AMENDMENTS  
P.O. Box 1450, Alexandria, VA 22313-1450**

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NOV 19 2003

Technology Center 2600

In re U.S. Patent Application no.: **10/089,025**  
Title: **Method and apparatus to direct  
sound**  
Filing Date: **June 21, 2002**  
Applicant(s): **HOOLEY et al**  
Art Unit/Examiner **2837**  
Attorney Docket no.: **ONE1.002 (was O17-002)**

Transmitted herewith are the following documents for formal entry for the  
above-identified patent application:

Certificate of First Class (Priority) Mailing	1 piece(s)
Acknowledgment postcard	1 piece(s)
This Transmittal Form	1 piece(s)
Fee Transmittal for FY2003	1 piece(s)
Statement and Information Citation Listing	5 piece(s)
Supplemental IDS (A) and copies of 27 references	368 piece(s)
Supplemental IDS (B) and copies of 19 references	47 piece(s)
Total pieces this submission	424 piece(s)

Respectfully submitted:

Date: November 10, 2003

Gerry J. Elman, Reg. no. 24,404  
Elman Technology Law, P.C.  
Customer no. 003775

Telephone: 610-892-9942  
Fax: 610-328-4771  
email: gerry@elman.com



Patent and Trademark Office; U.S. DEPARTMENT OF  
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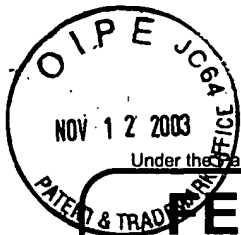
Technology Center 2500

on :November 10, 2003

The undersigned, Sandra G. Kushner, hereby avers that all statements on this Certificate of Express Mailing are true pursuant to the provisions of and penalties under 18 U.S.C. Section 1001.

Sandra G. Kushner, Paralegal to Gerry J. Elman, Reg. 24,404  
Customer no. 003775

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) NONE

## Complete if Known

Application Number 10/089,025  
Filing Date June 21, 2002  
First Named Inventor Hooley  
Examiner Name NA  
Art Unit 2837  
Attorney Docket No. ONE1.002

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## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None

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05-0845

Elman Technology Law, PC

The Director is authorized to: (check all that apply)

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## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	X	
Independent Claims	-3** =	X	
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1051 130	2051 65	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053 130	1053 130	Non-English specification
1812 2,520	1812 2,520	For filing a request for ex parte reexamination
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251 110	2251 55	Extension for reply within first month
1252 420	2252 210	Extension for reply within second month
1253 950	2253 475	Extension for reply within third month
1254 1,480	2254 740	Extension for reply within fourth month
1255 2,010	2255 1,005	Extension for reply within fifth month
1401 330	2401 165	Notice of Appeal
1402 330	2402 165	Filing a brief in support of an appeal
1403 290	2403 145	Request for oral hearing
1451 1,510	1451 1,510	Petition to institute a public use proceeding
1452 110	2452 55	Petition to revive - unavoidable
1453 1,330	2453 665	Petition to revive - unintentional
1501 1,330	2501 665	Utility issue fee (or reissue)
1502 480	2502 240	Design issue fee
1503 640	2503 320	Plant issue fee
1460 130	1460 130	Petitions to the Commissioner
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)
1806 180	1806 180	Submission of Information Disclosure Stmt
8021 40	8021 40	Recording each patent assignment per property (times number of properties)
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))
1801 770	2801 385	Request for Continued Examination (RCE)
1802 900	1802 900	Request for expedited examination of a design application

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type)

GERARD J. ELMAN

Registration No. (Attorney/Agent)

24,404

(Complete if applicable)

Telephone

1-810-892-9941

Signature

Date

11-7-03

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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